

Recovery Plan Action Status

Plan Name: Cambarus zophonastes

Plan Status: Final

Plan Date: 26-Sep-88

Lead Agency: USFWS

Lead Office: Arkansas Ecological Services Field Office

(501)

513-4470)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Cave crayfish (Cambarus zophonastes)	2	1.1	Develop cooperative agreement to protect Hell Creek Cave	Complete	Prior to FY 1995	Prior to FY 1995	USFWS Regional Office 4 - Fish and Wildlife Enhancement, Arkansas Natural Heritage Program, Arkansas Game and Fish Commission	Acquisition: General	Internal Field Assistance, Internal Technical Assistance, Species Expert	Hell Creek Cave was purchased by the state in 1985
Cave crayfish (Cambarus zophonastes)	1	1.2	Identify properties that provide recharge to Hell Creek Cave	Complete	Prior to FY 1995	Prior to FY 1995	USFWS Regional Office 4 - Fish and Wildlife Enhancement, Arkansas Natural Heritage Program, Arkansas Game and Fish Commission	Research: Other Information	Contract	
Cave crayfish (Cambarus zophonastes)	1	1.3	Protect properties identified in Task 1.2	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Law Enforcement Division, USFWS Regional Office 4 - Fish and Wildlife Enhancement, Arkansas Natural Heritage Program, Arkansas Game and Fish Commission	Acquisition: Easement, Acquisition: Fee Title, Acquisition: Management Agreement, Management: Land Use, Management: Planning, Other: Information and Education	Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	Does not include funds for acquisition

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Cave crayfish (Cambarus zophonastes)	1	1.4	Review for impacts to C. zophonastes all activities requiring state and federal approval	Ongoing Current	Prior to FY 1995		U.S. Department of Agriculture, U.S. Federal Highway Administration, U.S. Environmental Protection Agency, U.S. Army Corps of Engineers, USFWS Regional Office 4 - Fish and Wildlife Enhancement, Arkansas Natural Heritage Program, Arkansas Highway and Transportation Department, Arkansas Game and Fish Commission	Other, Research: General	Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	
Cave crayfish (Cambarus zophonastes)	2	1.5-1.6	Inform local interests of Hell Creek and recruit local contact to report impacts	Ongoing Current	Prior to FY 1995		USFWS Regional Office 4 - Fish and Wildlife Enhancement, Arkansas Natural Heritage Program, Arkansas Game and Fish Commission	Other: Information and Education	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	
Cave crayfish (Cambarus zophonastes)	3	2	Survey additional caves	Ongoing Current	Prior to FY 1995		USFWS Regional Office 4 - Fish and Wildlife Enhancement, Arkansas Natural Heritage Program, Arkansas Game and Fish Commission	Research: Population Surveys	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	
Cave crayfish (Cambarus zophonastes)	2	3.1	Search Hell Creek cave	Ongoing Current	Prior to FY 1995		USFWS Regional Office 4 - Fish and Wildlife Enhancement, Arkansas Natural Heritage Program, Arkansas Game and Fish Commission	Research: Population Surveys	Internal Field Assistance, Internal Technical Assistance, Species Expert	
Cave crayfish (Cambarus zophonastes)	3	3.2	Survey new populations	Ongoing Current	FY 2000 - FY 2004		USFWS Regional Office 4 - Fish and Wildlife Enhancement, Arkansas Natural Heritage Program, Arkansas Game and Fish Commission	Research: Population Surveys	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Cave crayfish (Cambarus zophonastes)	3	3.3	Monitor protected caves at 4-year intervals	Ongoing Current	Prior to FY 1995		USFWS Regional Office 4 - Fish and Wildlife Enhancement, Arkansas Natural Heritage Program, Arkansas Game and Fish Commission	Management: Habitat Maintenance and Manipulation, Management: Land Use, Other: Law Enforcement, Research: Environmental Contaminants, Research: Genetics, Research: Habitat Status, Research: Population Surveys	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	
Cave crayfish (Cambarus zophonastes)	1	4	Gather baseline data on water quality	Ongoing Current	Prior to FY 1995		USFWS Regional Office 4 - Fish and Wildlife Enhancement, Arkansas Natural Heritage Program, Arkansas Game and Fish Commission	Management: Habitat Maintenance and Manipulation, Management: Land Use, Research: Environmental Contaminants, Research: Habitat Requirements, Research: Habitat Status	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert	